

Title (en)  
CHUCKING APPARATUS

Title (de)  
EINSPANNVORRICHTUNG

Title (fr)  
APPAREIL DE TOURNAGE

Publication  
**EP 3798604 A1 20210331 (EN)**

Application  
**EP 19199270 A 20190924**

Priority  
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Abstract (en)  
The present invention concerns a chucking apparatus designed for chucking a TWA (tire wheel assembly) in a TWA uniformity machine in a fast manner in a first aspect, said chucking apparatus comprising:- a lower rim apparatus;- an upper rim apparatus, said upper rim apparatus comprising a central axis and a clamping shaft along said central axis, said upper rim apparatus moveable towards and away from said lower rim apparatus along the central axis;- means in communication with said upper rim apparatus for controlling the movement towards and away from said lower rim apparatus;- a sensing unit mounted under said lower rim apparatus;said lower rim apparatus comprising:- a frustoconical portion, said frustoconical portion comprising a central opening corresponding to said clamping shaft along the central axis;- a clamping unit suitable for receiving the end tip of said clamping shaft;characterized in that said frustoconical portion is movable towards and away from said upper rim apparatus along the central axis.In a second aspect, the present invention introduces a method for performing a TWA uniformity measurement.

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Citation (applicant)  
US 5719331 A 19980217 - DELMORO RICHARD L [US]

Citation (search report)  
• [A] EP 3418708 A1 20181226 - SNAP ON EQUIP SRL UNICO SOCIO [IT]  
• [A] US 2018128704 A1 20180510 - FARELLI JOSEPH A [US], et al  
• [AD] US 5719331 A 19980217 - DELMORO RICHARD L [US]

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